

Application Note

AN #: 527

DATE: 18-Jan-2002

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PYRAMID MODEL #: 2012 / 3012 / 2017 Merlin / 2016
RADIO MODEL: Vortex FTL-x-11 4/12/24 channel {old logic board}
ENGINEER: W. Carlin

APPROVAL INITIALS

ENGINEER _____

DEPT. HEAD _____

Connections:	Pyramid	Function	Radio
Pin 1	Black/Shield	Ground	Logic Board Ground Plane
Pin 2	White	Tx Audio Out	J2006 pin 4
Pin 3	Blue	On Air Detect	N/C
Pin 4	Green	PTT Out	J2006 pin 1
Pin 5	Red	Switched B+	J2001 pin 6
Pin 6	Yellow	Rx Audio In	J2001 pin 3
Pin 7	Violet	COR	Q2014 base
Pin 8	Brown	Audio Mute	N/C
Pin 9	Grey	Mic Mute / Chan Chng	N/C

2012/Merlin Jumpers: J1 [In] TX audio level
J2 [Out] PTT loop back

Pyramid Program: Mobile COR Polarity: Low
Mobile Type: Conv
On-Air Polarity: Low

2016 Jumpers: J1 [Out] PTT loop back
J2 [In] TX audio level

Additional Modifications (2012/2016/Merlin): None

Additional Modifications (Radio): None.

All points tied directly to logic board. Cable inserted in chassis knockout between heat sink fins on newer model radios; on older radios, notch chassis with 1/4" round file.

Revision Number _____

Date _____

Approval Initials _____